

## New Funding Opportunity Focuses on Predicting Future Pandemics



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Predicting and preventing pandemics that have not yet happened is the focus of a new funding opportunity from the U.S. National Science Foundation. Researchers from a broad range of scientific disciplines—computing and information science, biology, engineering, and social, behavioral and economic sciences—are invited to submit proposals to develop multidisciplinary research centers that can address the complex challenges involved in forecasting and avoiding future pandemic-scale outbreaks.

The [Predictive Intelligence for Pandemic Prevention initiative](#) seeks to foster fundamental research in the multidisciplinary areas related to the dynamic nature of pathogen and disease emergence; thus, significantly contributing to national security, health and economic stability, by creating new knowledge and employing novel paradigms in computing, including machine learning algorithms, smart sensor networks, cutting-edge modeling systems to forecast critical data, to name a few.

The first phase of the initiative provides support for projects that identify major challenges involved in predicting and preventing pandemics, and how those challenges could be overcome through the creation of multidisciplinary research teams and activities.

Proposals for phase one are due on October 1, 2021. A solicitation for phase two is expected to be released in 2023.

NSF anticipates up to \$25 million in awards in FY 2022, supporting 25 to 30, 18-month projects.

**An informational webinar will be held on July 13. Please visit [NSF Predictive Intelligence for Pandemic Prevention webinar](#).**

**For additional information and the full proposal solicitation, please visit [Predictive Intelligence for Pandemic Prevention Phase I: Development Grants \(PIPP Phase I\)](#).**